

National Institute of Standards & Technology (NIST)

***HOW WILL STANDARDS SHAPE THE DIGITAL ECONOMY?
IMPLICATIONS FOR POLICY AND TEACHING***

Organized by Northwestern University Buffett Institute
and Sponsored by IEEE

DAY 1: THURSDAY, SEPTEMBER 8, 2016

9:00am – 5:00pm

**Location: Gutman Conference Center, Harvard Graduate School of Education
6 Appian Way, Cambridge MA 02138**

- 9:00 **Registration/Coffee**
- 9:30 **Welcome**
 David Eaves, Fellow, Kennedy School, Harvard University (host)
 Gordon Gillerman, Director, Standards Coordination Office, National Institute of
 Standards and Technology (NIST)
- 9:50 **Overview of Agenda**
 Jeffrey Strauss, Associate Director, Northwestern University Buffett Institute
 Center for Technology and Innovation Management
- 10:00 **Standards for the Digital Economy—The King is Dead. Long Live the King!**
 Ajit Jillavenkatesa, Senior Standards Policy Adviser, Standards Coordination
 Office and Program Coordination Office, NIST
- 10:15 **Demands of the Digital Economy and Challenge of Standards Development**
 A. Industry sector panel
 John Halamka, CIO, Beth Israel Deaconess Hospital
 Nick Sinai, Adjunct Lecturer in Public Policy, Shorenstein Center, Kennedy
 School, Harvard and Venture Partner, Insight Venture Partners
 George Arnold, CEO, Tercio Solutions
- 11:00 **B. Standards Perspective**
 Jeffrey Jaffe, CEO, World Wide Web Consortium (W3C)
 Josh Lieberman, Coordinating Architect and Initiative Manager, Open
 Geospatial Consortium (and lecturer, University of Maryland)
 Richard Soley, Chairman and Chief Executive Officer, OMG and Executive
 Director, Industrial Internet Consortium
 Andy Updegrove, Founding Partner, Gesmer Updegrove LLP
- Q&A**

12:15	LUNCH Guest speaker: Alan Davidson , Director of Digital Economy, U.S. Department of Commerce and Senior Advisor to the Secretary of Commerce
1:20	Academic Response and Call to Action Craig Murphy , Betty Freyhof Johnson '44 Professor of Political Science, Wellesley College Tim Simcoe , Associate Professor of Strategy & Innovation, Questrom School of Business, Boston University JoAnne Yates , Sloan Distinguished Professor of Management, MIT Sloan
2:20	Breakout Introduction and Expectations Patricia Harris , International Standards Specialist, Standards Coordination Office, NIST
2:30	Breakouts: Implications for Course Content/Required Student Preparation Focal questions: <ul style="list-style-type: none"> • <i>What are the most critical digital economy challenges facing industry? What are implications/requirements for standards development?</i> • <i>How can digital economy related standards be developed that respond to commoditization but guide and dynamically support the rapid evolution of new technologies without constraining innovation?</i> • <i>What are related implications/requirements for education? What needs to be covered in courses? How can the standards underpinnings be effectively captured and conveyed in current or new courses?</i> • <i>What are challenges to the teaching environment (materials, faculty knowledge, course content, etc.?)</i> • <i>What types of support might enable the integration of standards in digital economy related curriculum?</i>
3:30	Break
3:40	Reports, Open Discussion Moderator: David Eaves
4:40	Wrap up and Segue to Day 2 Jeff Strauss
5:00	ADJOURN

DAY 2: FRIDAY, SEPTEMBER 9, 2016

9:00am – 12:30pm

8:30 **Registration/Coffee**

9:00 **Simulation Exercise**

Moderator: Jeff Strauss

Working in assigned groups participants will engage in a facilitated Simulation Exercise that exposes the challenges and processes of Standards Setting.

There will be two **20 minute working breaks**

11:00 **Group reports, discussion of exercise, value and potential use/further adaptation in different courses/institutional contexts/ What was learned?/ What surprises were encountered?**

12:15 **Wrap up and Next Steps**

Erik Puskar, Manager, Global Standards & Information, Standards Coordination
 Office, NIST

12:30 **ADJOURN**